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**5 Enhanced double circuit line protection**

*McLaren, P.G.; Fernando, I.; Liu, H.; Dirks, E.; Swift, G.W.;*  
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**8 The reliability of multilevel analog memory in a voice storage and playback system using source-side injection flash**

*Kordesch, A.V.; Awsare, S.; Brennan, J., Jr.; Ping Guo; Hemming, M.; Herman, M.; Holzmann, P.; Ng, E.; Chun-Mai Liu; Su, K.;*  
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*Speedy, C.;*

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**13 A high density recording technology for digital VCRs**

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*Fujimori, I.; Nogi, A.; Sugimoto, T.;*

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*Shi Yuanyuan; Liu Jia; Liu Runsheng;*

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**20 An analog record, playback, and processing system on a chip for mobile communications devices**

*Jackson, G.B.; Awsare, S.V.; Engh, L.D.; Holzmann, P.; Kao, O.C.; Palmer, C.R.; Raina, A.; Chun-Mai Liu; Kordesch, A.V.*  
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*Scott, R.T.; Suesada, K.*  
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**25 A 0.8 W HDTV video processor with simultaneous decoding of two MPEG2 MP@HL streams and capable of 30 frames/s reverse playback**

*Yamauchi, H.; Okada, S.; Taketa, K.; Matsuda, Y.; Mori, T.; Watanabe, T.; Harada, Y.; Matsudaira, M.; Matsushita, Y.;*  
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*Yamauchi, H.; Okada, S.; Taketa, K.; Yuh Matsuda; Mori, T.; Watanabe, T.; Harada, Y.; Matsudaira, M.; Matsushita, Y.;*  
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*Dufossez, V.; Jaffard, J.L.; Meunier, T.; Peubez, P.;*  
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*Jen-Fwu Shen; Hsueh-Ming Hang;*

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- 5** Dynamic voltage scaling on a low-power microprocessor 83%  
 Johan Pouwelse , Koen Langendoen , Henk Sips  
Proceedings of the seventh annual international conference on Mobile computing and networking July 2001

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- 6** Oracle media server: providing consumer based interactive access 83%  
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Andrew Laursen , Jeffrey Olkin , Mark Porter  
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- 7** Session S6.1: scheduling and frequency scaling for power: 83%  
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Zhijian Lu , Jason Hein , Marty Humphrey , Mircea Stan , John Lach , Kevin Skadron  
Proceedings of the international conference on Compilers, architecture, and synthesis for embedded systems October 2002  
This paper describes a formal feedback-control algorithm for dynamic voltage/frequency scaling (DVS) in a portable multimedia system to save power while maintaining a desired playback rate. Our algorithm is similar in complexity to the previously-proposed change-point detection algorithm [19] but does a better job of maintaining stable throughput and is not dependent on the assumption of an exponential distribution of the frame decoding rate. For approximately the same energy savings as reported ...
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Paul H. Dietz , William S. Yerazunis  
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 Anna Haj Ha? , Cindy X. Xue  
International Journal of Network Management January 1997  
Volume 7 Issue 1  
Synchronization of multiple medium streams in real time has been recognized as one of the most important requirements for multimedia applications based on broadband high-speed networks. This article presents a complete synchronization scheme for distributed multimedia information systems. © 1997 John Wiley & Sons, Ltd.
- 10** A reliable multicast framework for light-weight sessions and 82%  
 application level framing  
Sally Floyd , Van Jacobson , Ching-Gung Liu , Steven McCanne , Lixia Zhang

IEEE/ACM Transactions on Networking (TON) December 1997  
Volume 5 Issue 6

- 11** Multi-resolution video representation for parallel disk arrays 82%  
A Tzi-cker Chiueh , Randy H. Katz  
Proceedings of the first ACM international conference on Multimedia  
September 1993
- 12** Composite multimedia and active objects 82%  
A Simon Gibbs  
ACM SIGPLAN Notices , Conference proceedings on Object-oriented  
programming systems, languages, and applications November 1991  
Volume 26 Issue 11
- 13** Management of a remote backup copy for disaster recovery 82%  
A Richard P. King , Nagui Halim , Hector Garcia-Molina , Christos A.  
Polyzois  
ACM Transactions on Database Systems (TODS) May 1991  
Volume 16 Issue 2  
A remote backup database system tracks the state of a primary  
system, taking over transaction processing when disaster hits the  
primary site. The primary and backup sites are physically isolated so  
that failures at one site are unlikely to propagate to the other. For  
correctness, the execution schedule at the backup must be  
equivalent to that at the primary. When the primary and backup sites  
contain a single processor, it is easy to achieve this property.  
However, this is harder to do when ...
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A spacecraft tape recorder control servo  
Asok K. Mukhopadhyay  
Proceedings of the twelfth annual simulation symposium March 1979  
NASA's 1976 Viking Mars Orbiters and the Voyager 1977  
Jupiter-Saturn flyby spacecrafts carried digital tape recorders (DTR)  
on board. The recorders for both the missions were very similar  
except for the use of a brushless d.c. motor in the Voyager DTR. The  
mechanical part of the DTR consisted of fourteen rotating masses  
(tape reels, idlers and drive capstans) distributed in different planes  
and connected by three different elastic couplings (magnetic tape,  
peripheral belt and drive belts). ...
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A collaborative exploration of video material during design sessions  
Tomas Sokoler , Håkan Edeholt

Proceedings of the second Nordic conference on Human-computer interaction October 2002

In this paper we explore the idea of using physically embodied video snippets as an alternative to today's means for control of video playback during collaborative design oriented meetings. We aim to make video snippets a more integral part of the shared resources and opportunities for action already present at brainstorm like meetings. We present our VideoTable and VideoCards. The VideoTable is an augmented meeting table. The VideoCards are paper card representations of video snippets embedding ...

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Brian W. Unger , Greg A. Lomow

Proceedings of the 25th conference on Winter simulation December 1993

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Jed Lengyel , Mark Reichert , Bruce R. Donald , Donald P. Greenberg

ACM SIGGRAPH Computer Graphics , Proceedings of the 17th annual conference on Computer graphics and interactive techniques September 1990

Volume 24 Issue 4

**19** Real time animation playback on a frame store display system 80%

 Bryan Ackland , Neil Weste

Proceedings of the 7th annual conference on Computer graphics and interactive techniques July 1980

A frame store display station capable of generating real time animation effects using filled polygonal shapes is described. The system consists of a host microcomputer, a high performance frame store display controller and a microprogrammed graphic command interpreter. Real time performance is attained using a combination of software, hardware and a systems approach. The display station can be used to interactively test and view simple animation sequences. Some proposals for further increas ...

**20 Network Issues for Video and Games: Adaptive rate control for streaming stored fine-grained scalable video 80%** streaming stored fine-grained scalable video

Philippe de Cuetos , Keith W. Ross

Proceeding of the 12th International Workshop on Network and Operating Systems Support for Digital Audio and Video May 2002

In this paper we investigate adaptive streaming of stored fine-grained scalable video over a TCP-friendly connection. The goal is to develop low-complexity yet high-performing schemes that adequately adapt to the short- and long-term variations in available bandwidth. We first present a novel framework for low-complexity streaming of fine-grained scalable video over a TCP-friendly connection. In the context of this scheme, and under the assumption of complete knowledge of bandwidth evolution, we ...

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| <b>1</b> | Smart card evolution  | 87% |
|          | Katherine M. Shuler , J. Drew Procaccino<br>Communications of the ACM July 2002<br>Volume 45 Issue 7<br><br>Smart cards and their related technologies are an emerging component of electronic commerce worldwide. In some countries, they are revolutionizing aspects of commerce, healthcare, and recreation. |     |
| <b>2</b> | Very rapid prototyping of wearable computers: a case study of custom versus off-the-shelf design methodologies  | 85% |
|          | Asim Smailagic , Daniel P. Siewiorek , Richard Martin , John Stivoric<br>Proceedings of the 34th annual conference on Design automation conference June 1997  |     |
| <b>3</b> | The design and development of a very high speed system bus—the encore Multimax nanobus  | 84% |
|          | David J. Schanin<br>Proceedings of 1986 fall joint computer conference on Fall joint computer conference November 1999  |     |
| <b>4</b> | Benchmarking an interdisciplinary concurrent design methodology   | 82% |

-  for electronic/mechanical systems  
Asim Smailagic , Daniel P. Siewiorek , Drew Anderson , Chris Kasaback ,  
Tom Martin , John Stivoric  
Proceedings of the 32nd ACM/IEEE conference on Design automation  
conference January 1995

**5** Self-assessment procedure XVI: a self-assessment procedure 80%

-  dealing with computer organization and logic design  
Glen G. Langdon  
Communications of the ACM November 1986  
Volume 29 Issue 11  
A self-assessment procedure dealing with computer organization and logic design

**6** InfoPoint: A Device that Provides a Uniform User Interface to Allow 80%

-  Appliances to Work Together over a Network  
Naohiko Kohtake , Jun Rekimoto , Yuichiro Anzai  
Personal and Ubiquitous Computing January 2001  
Volume 5 Issue 4

This paper proposes a new hand-held device called "InfoPoint" that allows appliances to work together over a network. We have applied the idea of "drag-and-drop" operation as provided in the GUIs of PC and workstation desktop environment. InfoPoint provides a unified interface that gives different types of appliances "drag-and-drop"-like behaviour for the transfer of data. Moreover, it can transfer data from/to non-appliances such as pieces of paper. As a resu ...

**7** Pen computing: a technology overview and a vision 80%

-  André Meyer  
ACM SIGCHI Bulletin July 1995  
Volume 27 Issue 3

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

**8** Dynabook revisited—portable computers past, present and 80%

-  future

Larry Press  
Communications of the ACM March 1992  
Volume 35 Issue 3

- 9** The architecture of a fault-tolerant cached RAID controller 80%  
 Jai Menon , Jim Cortney  
ACM SIGARCH Computer Architecture News , Proceedings of the 20th annual international symposium on Computer architecture May 1993  
Volume 21 Issue 2  
RAID-5 arrays need 4 disk accesses to update a data block— to read old data and parity, and 2 to write new data and parity. Schemes previously proposed to improve the update performance of such arrays are the Log-Structured File System [10] and the Floating Parity Approach [6]. Here, we consider a third approach, called Fast Write, which eliminates disk time from the host response time to a write, by using a Non-Volatile Cache in the disk array controller. We examine three alternativ ...
- 10** An instruction-level performance analysis of the Multiflow TRACE 80%  
 14/300  
Michael A. Schuette , John P. Shen  
Proceedings of the 24th annual international symposium on Microarchitecture September 1991
- 11** Criteria for computer performance analysis 77%  
 Jozo J. Dujomovi?  
Proceedings of the 1979 ACM SIGMETRICS conference on Simulation, measurement and modeling of computer systems August 1979  
Computer evaluation, comparison, and selection is essentially a decision process. The decision making is based on a number of worth indicators, including various computer performance indicators. The performance indicators are obtained through the computer performance measurement procedure. Consequently, this procedure should be completely conditioned by the decision process. This paper investigates various aspects of computer performance measurement and evaluation procedure withi ...
- 12** An automatic system approach to the problem of memory circuit testing & fault diagnosis 77%  
 Peter S. Bottorff , Mitchel E. Schwass , Francis J. Villante  
Proceedings of the June 1970 design automation workshop on Design automation June 1970  
High product volume, diverse packaging configurations, and high-speed functional operation make memory circuit testing a difficult manufacturing problem. One solution to this problem is

provided by the computer-controlled test system described here. Modular design of hardware, microprogram, and programming subsystems has met production requirements for speed, quality, and repair of assembly defects.

**13 A work-training program for developing consultants at the** 77%

 University of Missouri - St. Louis

William P. Heinbecker

Proceedings of the 5th annual ACM SIGUCCS conference on User services November 1977

Several years ago the University of Missouri - St. Louis (UMSL) Campus Computer Center initiated a four year work-training program for incoming freshmen. The purpose of the program was to develop student assistants who could relieve the full-time staff of some of the consulting load. It was also intended that the consulting services could be expanded to serve students, who at the time were almost entirely dependent on instructors for assistance. The initial group began in the fall of 1975 a ...

**14 Microcomputer access to cross software systems** 77%

 Bernard J. Carey , Anne-Marie G. Discepolo

Proceedings of the 3rd ACM SIGSMALL symposium and the first SIGPC symposium on Small systems September 1980

Downline loading involves the transferral of information from the internal memory of one computer to the internal memory of another. For development microcomputer systems utilizing cross assemblers (i.e. non-resident assemblers), downline loading provides an extremely fast method of transferring cross-assembled files into the microprocessor's memory. The design for one low-cost method of linking a microcomputer system to a larger computer for downline loading is described. In this design, t ...

**15 The big three - today's 16-bit microprocessor** 77%

 R. K. Bell , W. D. Bell , T. C. Cooper , T. K. McFarland

Proceedings of the 13th micro-programming workshop on Microprogramming November 1980

This paper reports on the functional evaluation of the three 16-bit microprocessors, namely the Intel 8086, the Zilog Z8000, and the Motorola MC68000. These microprocessors were employed in several CRT applications, both monochrome and color. Execution time benchmark tests were made, mechanization problems compared and instruction/architectural characteristics highlighted. Conclusions and recommendations are made applicable to terminals and similar Sperry Univac products.

- 16 Two implementations of the 'FLEX' machine** 77%  
A John Kershaw  
Proceedings of the 14th annual microprogramming workshop on Microprogramming December 1981  
The FLEX high-level language architecture is introduced. Two microprogrammed implementations of FLEX are described, one based on a special purpose, horizontally coded machine and the other on a general purpose emulator called GEMINI. Examples and statistics of both microprograms are given and the two implementations compared.
- 17 Must-have Zaurus hardware and software** 77%  
A Guylhem Aznar  
Linux Journal January 2002  
Volume 2003 Issue 105  
You've already impressed everyone with your PDA's sliding keyboard--now impress them with movies, chat and more.
- 18 The Roma personal metadata service** 77%  
A Edward Swierk , Emre Kiciman , Nathan C. Williams , Takashi Fukushima , Hideki Yoshida , Vince Laviano , Mary Baker  
Mobile Networks and Applications October 2002  
Volume 7 Issue 5  
People now have available to them a diversity of digital storage facilities, including laptops, cell phone address books, handheld devices, desktop computers and web-based storage services. Unfortunately, as the number of personal data repositories increases, so does the management problem of ensuring that the most up-to-date version of any document in a user's personal file space is available to him on the storage facility he is currently using. We introduce the Roma personal metadata service t ...
- 19 Architecture and implementation of a VLIW supercomputer** 77%  
A Robert P. Colwell , W. Eric Hall , Chandra S. Joshi , David B. Papworth , Paul K. Rodman , James E. Tornes  
Proceedings of the 1990 ACM/IEEE conference on Supercomputing November 1990  
Very-Long-Instruction-Word (VLIW) computers achieve high performance by exploiting the fine-grain parallelism present in sequential or vectorizable code. Multiflow's /200 and /300 VLIW systems yielded near-supercomputer performance by this means despite the relatively slow (65 nS) clocks. With its much faster clock period (15 nS) and architectural improvements, the new /500 system attains approximately 4-9X the performance of its predecessors. This paper describes the /500 architecture and implem ...

**20 Cache coherence in systems with parallel communication channels 77%** & many processors

John C. Willis , Arthur C. Sanderson , Charles R. Hill

Proceedings of the 1990 ACM/IEEE conference on Supercomputing

November 1990

This paper describes and analyzes two algorithms for maintaining cache coherence in multiprocessor systems with parallel communication channels and many processors. A distributed link-list relates all cache frames representing the same main memory block. Messages traverse the list to maintain list integrity, exclusive ownership, and consistent values. Memory access semantics are equivalent to a shared memory system without caches. Reference latency, efficiency of memory use, and hardware complex ...

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- 1** Power-aware scheduling under timing constraints for 84%  
 mission-critical embedded systems  
Jinfeng Liu , Pai H. Chou , Nader Bagherzadeh , Fadi Kurdahi  
Proceedings of the 38th conference on Design automation June 2001  
Power-aware systems are those that must make the best use of available power. They subsume traditional low-power systems in that they must not only minimize power when the budget is low, but also deliver high performance when required. This paper presents a new scheduling technique for supporting the design and evaluation of a class of power-aware systems in mission-critical applications. It satisfies stringent min/max timing and max power constraints. It also makes the best effort to s ...
- 2** A Location Model for Communicating and Processing of Context 77%  
 Michael Beigl , Tobias Zimmer , Christian Decker  
Personal and Ubiquitous Computing January 2002  
Volume 6 Issue 5-6  
Location is one of the most important elements of context in ubiquitous computing. In this paper we describe a *location model*, a *spatial-aware communication model* and an *implementation* of the models that exploit location for processing and communicating context. The location model presented describes a location tree, which contains human-readable semantic and geometric information about an organisation and a structure to describe the current location of an object or a contex ...

- 3 Applications and OS: Wireless sensor networks for habitat monitoring** 77%  
Alan Mainwaring , David Culler , Joseph Polastre , Robert Szewczyk , John Anderson  
Proceedings of the first ACM international workshop on Wireless sensor networks and applications September 2002  
We provide an in-depth study of applying wireless sensor networks to real-world habitat monitoring. A set of system design requirements are developed that cover the hardware design of the nodes, the design of the sensor network, and the capabilities for remote data access and management. A system architecture is proposed to address these requirements for habitat monitoring in general, and an instance of the architecture for monitoring seabird nesting environment and behavior is presented. The cu ...
- 4 2002 editors' choice awards** 77%  
**A Linux Journal September 2002**  
Volume 2002 Issue 101  
Nineteen categories and 21 winners--read all about it.
- 5 A constraint-based application model and scheduling techniques for power-aware systems** 77%  
Jinfeng Liu , Pai H. Chou , Nader Bagherzadeh , Fadi Kurdahi  
Proceedings of the ninth international symposium on Hardware/software codesign April 2001 ,  
New embedded systems must be *power-aware*, not just low-power. That is, they must track their power sources and the changing power and performance constraints imposed by the environment. Moreover, they must fully explore and integrate many novel power management techniques. Unfortunately, these techniques are often incompatible with each other due to overspecialized formulations or they fail to consider system-wide issues. This paper proposes a new graph-based model to integrate novel p ...
- 6 An interleaved dual-battery power supply for battery-operated electronics** 77%  
Qing Wu , Qinru Qiu , Massoud Pedram  
Proceedings on the 2000 conference on Asia and South Pacific design automation January 2000

- 7** Design considerations for battery-powered electronics 77%  
 Massoud Pedram , Qing Wu  
Proceedings of the 36th ACM/IEEE conference on Design automation conference June 1999
- 8** Supporting collaborative field operations with personal information processing systems 77%  
 Stephanie Guerlain , Jim Lee , Troy Kopischke , Tom Romanko , Peter Reutiman , Scott Nelson  
Mobile Networks and Applications March 1999  
Volume 4 Issue 1  
This paper describes a two-year research project to develop a personal information processing system (PIPS) solution for the roving industrial field operator. Our PIPS system comprises (1) an RF network to deliver wireless digital information, (2) a wearable computer for delivering web-based information (the hardware is a two-piece system composed of a belt-worn NetPC attached via a curly cable to a handheld unit with a mouse/display device combination), and (3) software applications that p ...
- 9** News track 77%  
 Robert Fox  
Communications of the ACM July 1998  
Volume 41 Issue 7
- 10** The wireless Net 77%  
 Dennis Fowler  
netWorker August 1997  
Volume 1 Issue 2
- 11** Walking away from the desktop computer: distributed collaboration and mobility in a product design team 77%  
 Victoria Bellotti , Sara Bly  
Proceedings of the 1996 ACM conference on Computer supported cooperative work November 1996
- 12** Designing computers with people in mind 77%  
 Anne Garrison , S. Joy Mountford , Greg Thomas  
interactions April 1994  
Volume 1 Issue 2

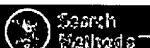
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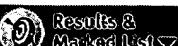
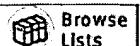
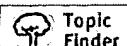
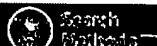
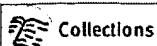
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- 3. [Scientist hopes fusion unit will pack punch; \[THREE STAR Edition\]; Times Union](#), Albany, N.Y.; Apr 25, 2001; pg. D.6
- 4. [\[WHAT'S HOT\]; \[FINAL Edition\]; Kevin Washington; The Sun](#), Baltimore, Md.; Apr 2, 2001; pg. 2.C
- 5. [Sharp Delivers New Portable DVD Player With Largest LCD Screen on Market - DV-L80U is World's First Portable DVD Player with Eight- Inch Screen -; PR Newswire](#), New York; Nov 9, 2000; pg. 1
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- 3. [Rio grand for music on the move INFORMATION TECHNOLOGY BRIEFS; \[London edition\]; Taylor, Paul; Financial Times, London \(UK\); Dec 30, 1998; pg. 09](#)
- 4. [MP3 players shaking up the music industry; Korean firms poised to build businesses around new downloading technology; Korea Herald, Seoul; Dec 30, 1998; pg. 1](#)
- 5. ['E-books' called newspapers of future; Bill Lammers; Austin American Statesman, Austin, Tex.; Dec 29, 1998; pg. E.3](#)
- 6. [WHAT'S HOT; \[FINAL Edition\]; Andrew Sasaki; The Sun, Baltimore, Md.; Dec 28, 1998; pg. 2.C](#)
- 7. [INNOVATIONS 1998: Ip - cd - mp3?; Asiaweek, Hong Kong; Dec 25, 1998; pg. 1](#)
- 8. [BATTLING THE EMPIRE AGAIN 'Star Wars: Rogue Squadron' rocks Stunning effects, great music make new game a winner; \[All Edition\]; ROY BASSAVE; Milwaukee Journal Sentinel, Milwaukee, Wis.; Dec 25, 1998; pg. 25](#)
- 9. [CONTINUING ED / Shopping for the Cheap and Powerful. SIDEBAR: A User-Friendly Camera \(see end of text\); \[ALL EDITIONS\]; Lou Dolinar. Dolinar can be reached by e-mail at dolinar@newsday.com.; Newsday, Long Island, N.Y.; Dec 23, 1998; Combined editions; pg. C.05](#)
- 10. [Xircom Elected to PCMCIA Board of Directors; Business Editors/High-Tech Writers; Business Wire, New York; Dec 22, 1998; pg. 1](#)

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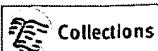
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- 13. [LOGON // BITS & BYTES // ready for prime time //; \[MORNING Edition\]; Orange County Register](#), Santa Ana, Calif.; Dec 22, 1998; pg. G.03
- 14. [Memory's shares rise with deal on cards; \[1 Edition\]; The Scotsman](#), Edinburgh (UK); Dec 22, 1998; pg. 22
- 15. [Music free-for-all Newest format in music players really delivers; Timothy Gassen; Arizona Daily Star](#), Tucson, Ariz.; Dec 21, 1998; pg. 9.E
- 16. [DRAM players flee to flash market; Shane Schick; Computer Dealer News](#), Willowdale; Dec 21, 1998; Vol. 14, Iss. 48; pg. 1, 2 pgs
- 17. [Forward-looking statements; Ian Johnson; Computer Dealer News](#), Willowdale; Dec 21, 1998; Vol. 14, Iss. 48; pg. 16, 1 pgs
- 18. [Digital Camera Prints Don't Say Cheesy Anymore; WAYNE THOMPSON; Newhouse News Service](#), Washington; Dec 21, 1998; pg. 1
- 19. [Professor Sees Newspapers' Future in Portable Tablets; BILL LAMMERS; Newhouse News Service](#), Washington; Dec 21, 1998; pg. 1
- 20. [Need a gift for Santa's sleigh? Electronic gadgets might fly; \[MORNING Edition\]; GOOD HOUSEKEEPING; Orange County Register](#), Santa Ana, Calif.; Dec 21, 1998; pg. d.04

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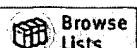
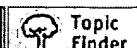
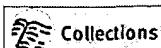
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- 22. [NEW GADGETS MUST BE CONNECTED PROPERLY DEVICES MIGHT REQUIRE PORTS, CARDS; \[FINAL Edition\]; BOB NORBERG Staff Writer, The Press Democrat](#), Santa Rosa, Calif.; Dec 21, 1998; pg. D.1
- 23. [Great gadgets for gift-giving // Electronic products make holidays easy; \[5XS Edition\]; Chicago Sun - Times](#), Chicago, Ill.; Dec 20, 1998; pg. 60
- 24. [In the steps of King Offa; \[First Edition\]; Evening Mail](#), Birmingham (UK); Dec 19, 1998; pg. 18
- 25. [Mega Mirror: We're dreaming of a BLUE Christmas ; WIN 6 Midnight PlayStations PLUS Gran Turismo PLUS Tekken 3 in our pounds 7,000 Yuletide competition; \[3 STAR Edition\]; Fiona Parker, The Mirror](#), London (UK); Dec 19, 1998; pg. 41
- 26. [Mini-notebook packed with features; Computimes Malaysia](#), New York; Dec 17, 1998; pg. 1
- 27. [Police Report; \[Zoned Edition 2\]; Milwaukee Journal Sentinel](#), Milwaukee, Wis.; Dec 17, 1998; pg. 6
- 28. [Police Report; \[Zoned Edition 1\]; Milwaukee Journal Sentinel](#), Milwaukee, Wis.; Dec 17, 1998; pg. 2
- 29. [Mini-notebook packed with features; \[Computimes, 2\\* Edition\]; Fauziah Muhtar, New Straits Times](#), Kuala Lumpur; Dec 17, 1998; pg. 32
- 30. [Gadget Lover on Your Gift List? Check Out This Year's Hot Tech Toys From Digital Cameras to Wireless Phones and Computers This Holiday Season Offers Variety of High-Tech Items; Rachel Brown, The Daily Record](#), Baltimore, Md.; Dec 16, 1998; pg. 1.b

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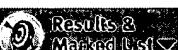
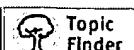
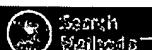
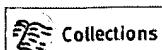


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- 2. WTO can pass new IT agreement by early 1999, says US trade envoy; BusinessWorld, Manila; Dec 29, 1998; pg. 1
- 3. Batteries Plus; [Fox Valley Edition]; Daily Herald, Arlington Heights, Ill.; Dec 29, 1998; pg. 1
- 4. IN THE REGION AMONG COMPANIES; [FIFTH Edition]; The Morning Call and wire reports; Morning Call, Allentown, Pa.; Dec 29, 1998; pg. B.08
- 5. Watching DVD anywhere // panasonic's \$1,400 player proves you can take it with you; [MORNING Edition]; DAN FOST; San Francisco Chronicle; Orange County Register, Santa Ana, Calif.; Dec 29, 1998; pg. G.09
- 6. Those rechargeable batteries eventually pose a disposal problem; Bill Hendrick; The Atlanta Constitution, Atlanta, Ga.; Dec 29, 1998; pg. C.01
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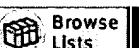
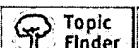
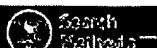
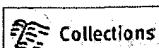
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- 19. [Need a gift for Santa's sleigh? Electronic gadgets might fly; \[MORNING Edition\]; :GOOD HOUSEKEEPING; Orange County Register, Santa Ana, Calif.; Dec 21, 1998; pg. d.04](#)
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